

(FILE 'HOME' ENTERED AT 07:57:08 ON 29 JAN 2007)

FILE 'MEDLINE, BIOSIS, BIOTECHDS, CAPLUS, EMBASE' ENTERED AT 07:57:12 ON  
29 JAN 2007

|                     |       |                |  |
|---------------------|-------|----------------|--|
| L1                  | 14631 | SEA PLU=ON     | GLOBIN OR (BETA (W) GLOBIN)            |
| L2                  | 42449 | SEA PLU=ON     | GLOBIN OR (BETA (W) GLOBIN)            |
| L3                  | 1065  | SEA PLU=ON     | GLOBIN OR (BETA (W) GLOBIN)            |
| L4                  | 15896 | SEA PLU=ON     | GLOBIN OR (BETA (W) GLOBIN)            |
| L5                  | 10820 | SEA PLU=ON     | GLOBIN OR (BETA (W) GLOBIN)            |
| TOTAL FOR ALL FILES |       |                |  |
| L6                  | 84861 | SEA PLU=ON     | GLOBIN OR (BETA (W) GLOBIN)            |
| L7                  | 3193  | SEA PLU=ON     | THALASSAEMIA OR (BETA(W) THALASSAEMIA) |
| L8                  | 1518  | SEA PLU=ON     | THALASSAEMIA OR (BETA(W) THALASSAEMIA) |
| L9                  | 13    | SEA PLU=ON     | THALASSAEMIA OR (BETA(W) THALASSAEMIA) |
| L10                 | 165   | SEA PLU=ON     | THALASSAEMIA OR (BETA(W) THALASSAEMIA) |
| L11                 | 2685  | SEA PLU=ON     | THALASSAEMIA OR (BETA(W) THALASSAEMIA) |
| TOTAL FOR ALL FILES |       |                |  |
| L12                 | 7574  | SEA PLU=ON     | THALASSAEMIA OR (BETA(W) THALASSAEMIA) |
| L13                 | 4079  | SEA PLU=ON     | RAPAMYCIN OR (RAPAMYCIN (W) ANALOG?)   |
| L14                 | 5607  | SEA PLU=ON     | RAPAMYCIN OR (RAPAMYCIN (W) ANALOG?)   |
| L15                 | 274   | SEA PLU=ON     | RAPAMYCIN OR (RAPAMYCIN (W) ANALOG?)   |
| L16                 | 5639  | SEA PLU=ON     | RAPAMYCIN OR (RAPAMYCIN (W) ANALOG?)   |
| L17                 | 11299 | SEA PLU=ON     | RAPAMYCIN OR (RAPAMYCIN (W) ANALOG?)   |
| TOTAL FOR ALL FILES |       |                |  |
| L18                 | 26898 | SEA PLU=ON     | RAPAMYCIN OR (RAPAMYCIN (W) ANALOG?)   |
| L19                 | 2     | SEA PLU=ON     | L1 AND L7 AND L13                      |
| L20                 | 2     | SEA PLU=ON     | L2 AND L8 AND L14                      |
| L21                 | 0     | SEA PLU=ON     | L3 AND L9 AND L15                      |
| L22                 | 1     | SEA PLU=ON     | L4 AND L10 AND L16                     |
| L23                 | 2     | SEA PLU=ON     | L5 AND L11 AND L17                     |
| TOTAL FOR ALL FILES |       |                |  |
| L24                 | 7     | SEA PLU=ON     | L6 AND L12 AND L18                     |
| L25                 | 2     | DUP REM L24    | (5 DUPLICATES REMOVED)                 |
|                     |       | D IBIB ABS L25 | 1-2                                    |
| L26                 | 693   | SEA PLU=ON     | L1 AND L7                              |
| L27                 | 379   | SEA PLU=ON     | L2 AND L8                              |
| L28                 | 4     | SEA PLU=ON     | L3 AND L9                              |
| L29                 | 72    | SEA PLU=ON     | L4 AND L10                             |
| L30                 | 593   | SEA PLU=ON     | L5 AND L11                             |
| TOTAL FOR ALL FILES |       |                |  |
| L31                 | 1741  | SEA PLU=ON     | L6 AND L12                             |
| L32                 | 3     | SEA PLU=ON     | L1 AND L13                             |
| L33                 | 5     | SEA PLU=ON     | L2 AND L14                             |
| L34                 | 2     | SEA PLU=ON     | L3 AND L15                             |
| L35                 | 7     | SEA PLU=ON     | L4 AND L16                             |
| L36                 | 5     | SEA PLU=ON     | L5 AND L17                             |
| TOTAL FOR ALL FILES |       |                |  |
| L37                 | 22    | SEA PLU=ON     | L6 AND L18                             |
| L38                 | 2     | SEA PLU=ON     | L7 AND L13                             |
| L39                 | 2     | SEA PLU=ON     | L8 AND L14                             |
| L40                 | 0     | SEA PLU=ON     | L9 AND L15                             |
| L41                 | 1     | SEA PLU=ON     | L10 AND L16                            |
| L42                 | 2     | SEA PLU=ON     | L11 AND L17                            |
| TOTAL FOR ALL FILES |       |                |  |
| L43                 | 7     | SEA PLU=ON     | L12 AND L18                            |
| L44                 | 13    | DUP REM L37    | (9 DUPLICATES REMOVED)                 |
| L45                 | 3     | SEA L44        |  |
| L46                 | 1     | SEA PLU=ON     | L45 AND PD<20020704                    |
| L47                 | 2     | SEA L44        |  |
| L48                 | 1     | SEA PLU=ON     | L47 AND PD<20020704                    |
| L49                 | 2     | SEA L44        |  |
| L50                 | 0     | SEA PLU=ON     | L49 AND PD<20020704                    |
| L51                 | 4     | SEA L44        |  |

L52 1 SEA PLU=ON L51 AND PD<20020704  
L53 2 SEA L44  
L54 1 SEA PLU=ON L53 AND PD<20020704  
TOTAL FOR ALL FILES  
L55 4 SEA PLU=ON L44 AND PD<20020704  
D IBIB ABS L55 1-4

FILE 'STNGUIDE' ENTERED AT 08:06:18 ON 29 JAN 2007

FILE HOME

FILE MEDLINE

FILE LAST UPDATED: 27 Jan 2007 (20070127/UP). FILE COVERS 1950 TO DATE.

All regular MEDLINE updates from November 15 to December 16 have been added to MEDLINE, along with 2007 Medical Subject Headings (MeSH(R)) and 2007 tree numbers.

The annual reload will be available in early 2007.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 24 January 2007 (20070124/ED)

FILE BIOTECHDS

FILE LAST UPDATED: 25 JAN 2007 <20070125/UP>  
FILE COVERS 1982 TO DATE

>>> USE OF THIS FILE IS LIMITED TO BIOTECH SUBSCRIBERS <<<

FILE CAPLUS

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FILE COVERS 1907 - 29 Jan 2007 VOL 146 ISS 6  
FILE LAST UPDATED: 28 Jan 2007 (20070128/ED)

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FILE EMBASE

FILE COVERS 1974 TO 26 Jan 2007 (20070126/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE  
FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jan 26, 2007 (20070126/UP).

=> d his ful 11; d que stat 12; d his ful 13-

FILE 'REGISTRY' ENTERED AT 10:20:35 ON 29 JAN 2007

L1 STR 53123-88-9

L2 1 SEA FILE=REGISTRY ABB=ON PLU=ON 53123-88-9

(FILE 'CAPLUS' ENTERED AT 10:22:16 ON 29 JAN 2007)

L3 4021 SEA ABB=ON PLU=ON L2

L4 77 SEA ABB=ON PLU=ON L2/D (L) ANALOG/OBI

L5 4987 SEA ABB=ON PLU=ON RAPAMYCIN/OBI OR L3

L6 0 SEA ABB=ON PLU=ON L5 (L) 7 N HYDROXY?/OBI

L7 0 SEA ABB=ON PLU=ON (RAMPAMYSIN (S) N HYDROXY (3W) ACYL)/BI

L8 0 SEA ABB=ON PLU=ON (RAPAMYSIN (S) N HYDROXY (3W) ACYL)/BI

L9 0 SEA ABB=ON PLU=ON (RAPAMYSIN (L) HYDROXY(L) ACYL)/BI

L10 2 SEA ABB=ON PLU=ON (RAPAMYCIN (L) HYDROXY(L) ACYL)/BI

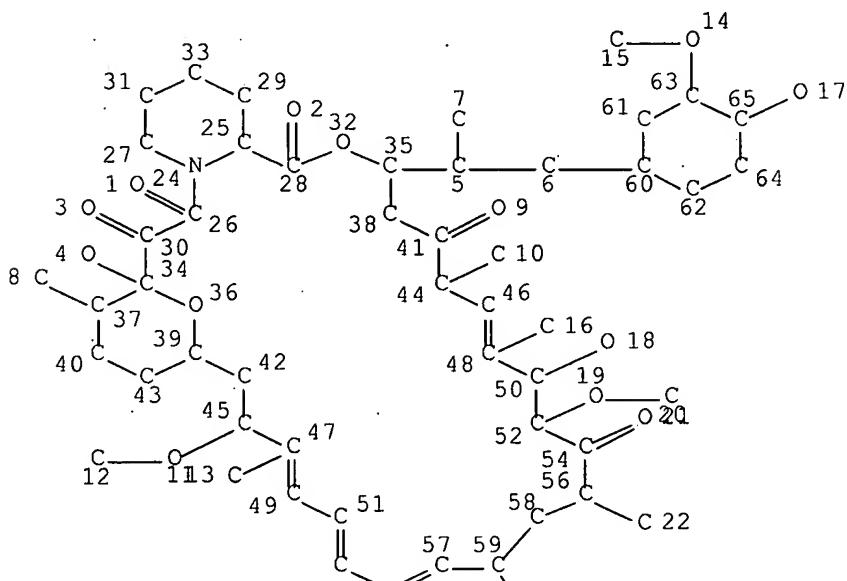
L11 4 SEA ABB=ON PLU=ON (RAPAMYCIN (L) (UREIDE OR CARBAMOYL))/BI  
D SCAN

FILE 'REGISTRY' ENTERED AT 10:26:19 ON 29 JAN 2007

L12 42 SEA FAM FUL L1

=> d que stat 112

L1 STR



GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 65

STEREO ATTRIBUTES: NONE

L12 42 SEA FILE=REGISTRY FAM FUL L1

100.0% PROCESSED 382 ITERATIONS

42 ANSWERS

SEARCH TIME: 00.00.01

FILE 'CAPLUS' ENTERED AT 10:26:30 ON 29 JAN 2007

L13 4024 SEA ABB=ON PLU=ON L12  
 L14 248 SEA ABB=ON PLU=ON L12/D  
 L15 76 SEA ABB=ON PLU=ON L14 (3A) (ANALOG?/OBI OR CARBAMOYL/OBI OR ACYL/OBI)  
 L16 174 SEA ABB=ON PLU=ON RAPAMYCIN/OBI (L) (ANALOG?/OBI OR CARBAMOYL ?/OBI OR ACYL/OBI)  
 L17 178 SEA ABB=ON PLU=ON L15 OR L16  
 L18 150 SEA ABB=ON PLU=ON L17 AND L13  
 L19 2737 SEA ABB=ON PLU=ON BETATHALASSEMIA/OBI OR BETA/OBI (L)  
       THALASSEMIA/OBI  
 L20 1 SEA ABB=ON PLU=ON L19 AND L18  
       D SCA  
       E THALASSEMI?  
 L21 4496 SEA ABB=ON PLU=ON THALASSEMI?/OBI  
 L22 6 SEA ABB=ON PLU=ON L21 AND L13  
       D SCAN TI

FILE 'REGISTRY' ENTERED AT 10:30:49 ON 29 JAN 2007

E CYTOSINE ARABINOSIDE/CN  
 L23 1 SEA ABB=ON PLU=ON "CYTOSINE ARABINOSIDE"/CN  
       E RETINOIC ACID/CN  
 L24 1 SEA ABB=ON PLU=ON "RETINOIC ACID"/CN  
       E PLICAMYCIN/CN  
 L25 1 SEA ABB=ON PLU=ON PLICAMYCIN/CN  
       E MITHRAMYCIN/CN  
 L26 1 SEA ABB=ON PLU=ON MITHRAMYCIN/CN  
       E HYDROXYUREA/CN  
 L27 1 SEA ABB=ON PLU=ON HYDROXYUREA/CN  
       E GUANINE/CN  
 L28 1 SEA ABB=ON PLU=ON GUANINE/CN  
       E GUANOSINE/CN  
 L29 1 SEA ABB=ON PLU=ON GUANOSINE/CN  
       E TRIPHOSPHATE GTP.CN  
       E TRIPHOSPHATE GTP/CN  
       E GTP/CN  
 L30 1 SEA ABB=ON PLU=ON GTP/CN  
       D SCAN  
       E GUANOSINE DIPHOSPHATE/CN  
       E GDP/CN  
 L31 1 SEA ABB=ON PLU=ON GDP/CN  
       D SCAN  
       E GMP/CN  
 L32 2 SEA ABB=ON PLU=ON GMP/CN  
       D SCAN  
       E 5-GUANYLIC ACID/CN  
       E 5'''-GUANYLIC ACID/CN.  
 L33 1 SEA ABB=ON PLU=ON "5'-GUANYLIC ACID"/CN  
       D SCAN

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L34            9 SEA ABB=ON PLU=ON (L23 OR L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR L30 OR L31) OR L33

FILE 'CAPLUS' ENTERED AT 10:35:01 ON 29 JAN 2007

L35        57068 SEA ABB=ON PLU=ON L34  
 L36        155 SEA ABB=ON PLU=ON L35 AND L13  
 L37        23 SEA ABB=ON PLU=ON L35 AND L14  
         E TRANSCRIPTION  
 L38        246167 SEA ABB=ON PLU=ON TRANSCRIPTION/OBI  
 L39        33 SEA ABB=ON PLU=ON L38 AND L36  
         E THALASSEMIA/CT  
         E E3+ALL  
         E E4+ALL  
         E E3+AL  
         E E3+ALL

L40        114711 SEA ABB=ON PLU=ON ANEMIA#/OBI OR BLOOD/OBI (L) (DISEASE#/OBI OR DISORDER#/OBI)  
 L41        245 SEA ABB=ON PLU=ON L40 AND L3  
 L42        10 SEA ABB=ON PLU=ON L41 AND L38  
 L43        17 SEA ABB=ON PLU=ON L41 AND L35  
 L44        25 SEA ABB=ON PLU=ON L42 OR L43  
 L45        6 SEA ABB=ON PLU=ON L21 AND L13  
 L46        6 SEA ABB=ON PLU=ON L45 OR L20 OR L22  
 L47        24 SEA ABB=ON PLU=ON L44 NOT L46  
 L48        0 SEA ABB=ON PLU=ON L47 AND L38 (L) MODIFI?/OBI  
 L49        2 SEA ABB=ON PLU=ON L47 AND L38 AND L35  
         D SCAN TI  
 L50        418 SEA ABB=ON PLU=ON BIANCHI N?/AU  
 L51        57 SEA ABB=ON PLU=ON BORGATTI M?/AU  
 L52        243 SEA ABB=ON PLU=ON GAMBARI R?/AU  
 L53        75 SEA ABB=ON PLU=ON MISCHIATI C?/AU  
 L54        609 SEA ABB=ON PLU=ON (L50 OR L51 OR L52 OR L53)  
 L55        2 SEA ABB=ON PLU=ON L54 AND L13  
         D SCAN TI  
 L56        12 SEA ABB=ON PLU=ON L54 AND L21  
 L57        12 SEA ABB=ON PLU=ON L55 OR L56  
 L58        8 SEA ABB=ON PLU=ON L46 OR L49  
 L59        10 SEA ABB=ON PLU=ON L57 NOT L58  
         D SCAN TI

FILE 'BIOSIS' ENTERED AT 10:47:19 ON 29 JAN 2007

L60        5617 SEA ABB=ON PLU=ON RAPAMYCIN#  
 L61        7314 SEA ABB=ON PLU=ON L2 OR L60  
 L62        12064 SEA ABB=ON PLU=ON THALASSEMIA  
 L63        3 SEA ABB=ON PLU=ON L61 AND L62  
 L64        1538 SEA ABB=ON PLU=ON THALASSAEMIA OR BETATHALASSAEMIA OR BETATHALASSEMIA  
 L65        12321 SEA ABB=ON PLU=ON L64 OR L62  
 L66        2 SEA ABB=ON PLU=ON L60 AND L64  
 L67        222 SEA ABB=ON PLU=ON BIANCHI N?/AU  
 L68        67 SEA ABB=ON PLU=ON BORGATTI M?/AU  
 L69        263 SEA ABB=ON PLU=ON GAMBARI R?/AU  
 L70        76 SEA ABB=ON PLU=ON MISCHIATI C?/AU  
 L71        447 SEA ABB=ON PLU=ON (L67 OR L68 OR L69 OR L70)  
 L72        3 SEA ABB=ON PLU=ON L71 AND L61  
         D SCAN TI  
 L73        11 SEA ABB=ON PLU=ON L71 AND (L62 OR L64)  
 L74        12 SEA ABB=ON PLU=ON L73 OR L72  
 L75        10 SEA ABB=ON PLU=ON L74 NOT L63

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FILE 'MEDLINE' ENTERED AT 10:51:37 ON 29 JAN 2007

L76 4495 SEA ABB=ON PLU=ON L2  
 D TRIAL  
 E SIROLIMUS/CT  
 E E3+ALL

L77 6174 SEA ABB=ON PLU=ON SIROLIMUS/CT OR RAPAMYCIN

L78 6174 SEA ABB=ON PLU=ON L76 OR L77  
 E THALASSEMIA/CT  
 E E3+ALL

L79 15157 SEA ABB=ON PLU=ON THALASSEMIA+NT/CT

L80 3 SEA ABB=ON PLU=ON L79 AND L78  
 E HEMOGLOBINOPATHIES  
 E HEMOGLOBINOPATHIES/CT

L81 28542 SEA ABB=ON PLU=ON HEMOGLOBINOPATHIES+NT/CT

L82 3 SEA ABB=ON PLU=ON L81 AND L78

L83 3 SEA ABB=ON PLU=ON L82 OR L80

L84 258 SEA ABB=ON PLU=ON BIANCHI N?/AU

L85 65 SEA ABB=ON PLU=ON BORGATTI M?/AU

L86 223 SEA ABB=ON PLU=ON GAMBARI R?/AU

L87 69 SEA ABB=ON PLU=ON MISCHIATI C?/AU

L88 450 SEA ABB=ON PLU=ON (L84 OR L85 OR L86 OR L87)

L89 3 SEA ABB=ON PLU=ON L88 AND L78

L90 7 SEA ABB=ON PLU=ON L88 AND L79

L91 8 SEA ABB=ON PLU=ON L89 OR L90

L92 6 SEA ABB=ON PLU=ON L91 NOT L83

FILE 'EMBASE' ENTERED AT 10:55:34 ON 29 JAN 2007

L93 9843 SEA ABB=ON PLU=ON L2

L94 9843 SEA ABB=ON PLU=ON L93 OR RAPAMYCIN/CT  
 E THALASSEMIA/CT.  
 E E3+ALL

L95 12013 SEA ABB=ON PLU=ON THALASSEMIA# OR HEREDITARY HEMOLYTIC ANEMIA#

L96 6 SEA ABB=ON PLU=ON L95 AND L94

L97 171 SEA ABB=ON PLU=ON BIANCHI N?/AU

L98 44 SEA ABB=ON PLU=ON BORGATTI M?/AU

L99 223 SEA ABB=ON PLU=ON GAMBARI R?/AU

L100 67 SEA ABB=ON PLU=ON MISCHIATI C?/AU

L101 346 SEA ABB=ON PLU=ON (L97 OR L98 OR L99 OR L100)

L102 4 SEA ABB=ON PLU=ON L101 AND L94

L103 15 SEA ABB=ON PLU=ON L101 AND L95

L104 17 SEA ABB=ON PLU=ON (L102 OR L103)

L105 15 SEA ABB=ON PLU=ON L104 NOT L96

FILE 'WPIX' ENTERED AT 10:58:26 ON 29 JAN 2007

L106 29 SEA ABB=ON PLU=ON BIANCHI N?/AU

L107 28 SEA ABB=ON PLU=ON BORGATTI M?/AU

L108 7 SEA ABB=ON PLU=ON GAMBARI R?/AU

L109 3 SEA ABB=ON PLU=ON MISCHIATI C?/AU

L110 57 SEA ABB=ON PLU=ON (L106 OR L107 OR L108 OR L109)

L111 1381 SEA ABB=ON PLU=ON RAPAMYCIN OR SIROLIMUS

L112 1 SEA ABB=ON PLU=ON L110 AND L111

L113 776 SEA ABB=ON PLU=ON ?THALASSEMIA? OR THALASSAEMIA?

L114 5 SEA ABB=ON PLU=ON L110 AND L113

L115 5 SEA ABB=ON PLU=ON L112 OR L114

L116 8 SEA ABB=ON PLU=ON L111 AND L113

L117 4 SEA ABB=ON PLU=ON L115 NOT L116

FILE 'CAPLUS, BIOSIS, MEDLINE, EMBASE, WPIX' ENTERED AT 11:01:36 ON 29 JAN 2007

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L118        18 DUP REM L58 L63 L83 L96 L116 (10 DUPLICATES REMOVED)  
            ANSWERS '1-8' FROM FILE CAPLUS  
            ANSWERS '9-10' FROM FILE BIOSIS  
            ANSWERS '11-13' FROM FILE EMBASE  
            ANSWERS '14-18' FROM FILE WPIX  
  
L119        23 DUP REM L59 L75 L92 L105 L117 (22 DUPLICATES REMOVED)  
            ANSWERS '1-10' FROM FILE CAPLUS  
            ANSWERS '11-14' FROM FILE BIOSIS  
            ANSWERS '15-16' FROM FILE MEDLINE  
            ANSWERS '17-22' FROM FILE EMBASE  
            ANSWER '23' FROM FILE WPIX

(FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 11:07:05 ON 29 JAN 2007)

L120        19911 S L12  
L121        12 S L120 AND (?THALASSEMIA? OR ?THALASSAEMIA?)  
L122        7 DUP REM L121 (5 DUPLICATES REMOVED)  
L123        0 S L122 NOT (L22 OR L63 OR L66 OR L83 OR L96)

=> fil caplus biosis medline embase wpix  
FILE 'CAPLUS' ENTERED AT 11:03:54 ON 29 JAN 2007  
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FILE 'WPIX' ENTERED AT 11:03:54 ON 29 JAN 2007  
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=> d que 1118

L2        1 SEA FILE=REGISTRY ABB=ON PLU=ON 53123-88-9  
L3        4021 SEA FILE=CAPLUS ABB=ON PLU=ON L2  
L12        42 SEA FILE=REGISTRY FAM FUL L1  
L13        4024 SEA FILE=CAPLUS ABB=ON PLU=ON L12  
L14        248 SEA FILE=CAPLUS ABB=ON PLU=ON L12/D  
L15        76 SEA FILE=CAPLUS ABB=ON PLU=ON L14 (3A) (ANALOG?/OBI OR  
            CARBAMOYL/OBI OR ACYL/OBI)  
L16        174 SEA FILE=CAPLUS ABB=ON PLU=ON RAPAMYCIN/OBI (L) (ANALOG?/OBI  
            OR CARBAMOYL?/OBI OR ACYL/OBI)  
L17        178 SEA FILE=CAPLUS ABB=ON PLU=ON L15 OR L16  
L18        150 SEA FILE=CAPLUS ABB=ON PLU=ON L17 AND L13  
L19        2737 SEA FILE=CAPLUS ABB=ON PLU=ON BETATHALASSEMIA/OBI OR  
            BETA/OBI (L) THALASSEMIA/OBI  
L20        1 SEA FILE=CAPLUS ABB=ON PLU=ON L19 AND L18  
L21        4496 SEA FILE=CAPLUS ABB=ON PLU=ON THALASSEMI?/OBI  
L22        6 SEA FILE=CAPLUS ABB=ON PLU=ON L21 AND L13  
L23        1 SEA FILE=REGISTRY ABB=ON PLU=ON "CYTOSINE ARABINOSIDE"/CN  
L24        1 SEA FILE=REGISTRY ABB=ON PLU=ON "RETINOIC ACID"/CN

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|      |                                      |   |
|------|--------------------------------------|---|
| L25  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | PLICAMYCIN/CN   |
| L26  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | MITHRAMYCIN/CN  |
| L27  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | HYDROXYUREA/CN  |
| L28  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | GUANINE/CN  |
| L29  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | GUANOSINE/CN  |
| L30  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | GTP/CN  |
| L31  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | GDP/CN  |
| L33  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON    | "5'-GUANYLIC ACID"/CN   |
| L34  | 9 SEA FILE=REGISTRY ABB=ON PLU=ON    | (L23 OR L24 OR L25 OR L26 OR<br>L27 OR L28 OR L29 OR L30 OR L31) OR L33 |
| L35  | 57068 SEA FILE=CAPLUS ABB=ON PLU=ON  | L34   |
| L38  | 246167 SEA FILE=CAPLUS ABB=ON PLU=ON | TRANSCRIPTION/OBI   |
| L40  | 114711 SEA FILE=CAPLUS ABB=ON PLU=ON | ANEMIA#/OBI OR BLOOD/OBI (L)<br>(DISEASE#/OBI OR DISORDER#/OBI)         |
| L41  | 245 SEA FILE=CAPLUS ABB=ON PLU=ON    | L40 AND L3  |
| L42  | 10 SEA FILE=CAPLUS ABB=ON PLU=ON     | L41 AND L38   |
| L43  | 17 SEA FILE=CAPLUS ABB=ON PLU=ON     | L41 AND L35   |
| L44  | 25 SEA FILE=CAPLUS ABB=ON PLU=ON     | L42 OR L43  |
| L45  | 6 SEA FILE=CAPLUS ABB=ON PLU=ON      | L21 AND L13   |
| L46  | 6 SEA FILE=CAPLUS ABB=ON PLU=ON      | L45 OR L20 OR L22   |
| L47  | 24 SEA FILE=CAPLUS ABB=ON PLU=ON     | L44 NOT L46   |
| L49  | 2 SEA FILE=CAPLUS ABB=ON PLU=ON      | L47 AND L38 AND L35   |
| L58  | 8 SEA FILE=CAPLUS ABB=ON PLU=ON      | L46 OR L49  |
| L60  | 5617 SEA FILE=BIOSIS ABB=ON PLU=ON   | RAPAMYCIN#  |
| L61  | 7314 SEA FILE=BIOSIS ABB=ON PLU=ON   | L2 OR L60   |
| L62  | 12064 SEA FILE=BIOSIS ABB=ON PLU=ON  | THALASSEMIA   |
| L63  | 3 SEA FILE=BIOSIS ABB=ON PLU=ON      | L61 AND L62   |
| L76  | 4495 SEA FILE=MEDLINE ABB=ON PLU=ON  | L2  |
| L77  | 6174 SEA FILE=MEDLINE ABB=ON PLU=ON  | SIROLIMUS/CT OR RAPAMYCIN   |
| L78  | 6174 SEA FILE=MEDLINE ABB=ON PLU=ON  | L76 OR L77  |
| L79  | 15157 SEA FILE=MEDLINE ABB=ON PLU=ON | THALASSEMIA+NT/CT   |
| L80  | 3 SEA FILE=MEDLINE ABB=ON PLU=ON     | L79 AND L78   |
| L81  | 28542 SEA FILE=MEDLINE ABB=ON PLU=ON | HEMOGLOBINOPATHIES+NT/CT  |
| L82  | 3 SEA FILE=MEDLINE ABB=ON PLU=ON     | L81 AND L78   |
| L83  | 3 SEA FILE=MEDLINE ABB=ON PLU=ON     | L82 OR L80  |
| L93  | 9843 SEA FILE=EMBASE ABB=ON PLU=ON   | L2  |
| L94  | 9843 SEA FILE=EMBASE ABB=ON PLU=ON   | L93 OR RAPAMYCIN/CT   |
| L95  | 12013 SEA FILE=EMBASE ABB=ON PLU=ON  | THALASSEMIA# OR HEREDITARY<br>HEMOLYTIC ANEMIA#                         |
| L96  | 6 SEA FILE=EMBASE ABB=ON PLU=ON      | L95 AND L94   |
| L111 | 1381 SEA FILE=WPIX ABB=ON PLU=ON     | RAPAMYCIN OR SIROLIMUS  |
| L113 | 776 SEA FILE=WPIX ABB=ON PLU=ON      | ?THALASSEMIA? OR THALASSAEMIA?  |
| L116 | 8 SEA FILE=WPIX ABB=ON PLU=ON        | L111 AND L113   |
| L118 | 18 DUP REM L58 L63 L83 L96 L116      | (10 DUPLICATES REMOVED)   |

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|     |                                    |  |
|-----|------------------------------------|--|
| L2  | 1 SEA FILE=REGISTRY ABB=ON PLU=ON  | 53123-88-9   |
| L3  | 4021 SEA FILE=CAPLUS ABB=ON PLU=ON | L2   |
| L12 | 42 SEA FILE=REGISTRY FAM FUL L1    |  |
| L13 | 4024 SEA FILE=CAPLUS ABB=ON PLU=ON | L12  |
| L14 | 248 SEA FILE=CAPLUS ABB=ON PLU=ON  | L12/D  |
| L15 | 76 SEA FILE=CAPLUS ABB=ON PLU=ON   | L14 (3A) (ANALOG?/OBI OR<br>CARBAMOYL/OBI OR ACYL/OBI)           |
| L16 | 174 SEA FILE=CAPLUS ABB=ON PLU=ON  | RAPAMYCIN/OBI (L) (ANALOG?/OBI<br>OR CARBAMOYL?/OBI OR ACYL/OBI) |
| L17 | 178 SEA FILE=CAPLUS ABB=ON PLU=ON  | L15 OR L16   |
| L18 | 150 SEA FILE=CAPLUS ABB=ON PLU=ON  | L17 AND L13  |

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|     |        |                          |        |   |
|-----|--------|--------------------------|--------|---|
| L19 | 2737   | SEA FILE=CAPLUS ABB=ON   | PLU=ON | BETATHALASSEMIA/OBI OR<br>BETA/OBI (L) THALASSEMIA/OBI                  |
| L20 | 1      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L19 AND L18   |
| L21 | 4496   | SEA FILE=CAPLUS ABB=ON   | PLU=ON | THALASSEMI?/OBI   |
| L22 | 6      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L21 AND L13   |
| L23 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | "CYTOSINE ARABINOSIDE"/CN   |
| L24 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | "RETINOIC ACID"/CN  |
| L25 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | PLICAMYCIN/CN   |
| L26 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | MITHRAMYCIN/CN  |
| L27 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | HYDROXYUREA/CN  |
| L28 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | GUANINE/CN  |
| L29 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | GUANOSINE/CN  |
| L30 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | GTP/CN  |
| L31 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | GDP/CN  |
| L33 | 1      | SEA FILE=REGISTRY ABB=ON | PLU=ON | "5'-GUANYLIC ACID"/CN   |
| L34 | 9      | SEA FILE=REGISTRY ABB=ON | PLU=ON | (L23 OR L24 OR L25 OR L26 OR<br>L27 OR L28 OR L29 OR L30 OR L31) OR L33 |
| L35 | 57068  | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L34   |
| L38 | 246167 | SEA FILE=CAPLUS ABB=ON   | PLU=ON | TRANSCRIPTION/OBI   |
| L40 | 114711 | SEA FILE=CAPLUS ABB=ON   | PLU=ON | ANEMIA#/OBI OR BLOOD/OBI (L)<br>(DISEASE#/OBI OR DISORDER#/OBI)         |
| L41 | 245    | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L40 AND L3  |
| L42 | 10     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L41 AND L38   |
| L43 | 17     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L41 AND L35   |
| L44 | 25     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L42 OR L43  |
| L45 | 6      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L21 AND L13   |
| L46 | 6      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L45 OR L20 OR L22   |
| L47 | 24     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L44 NOT L46   |
| L49 | 2      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L47 AND L38 AND L35   |
| L50 | 418    | SEA FILE=CAPLUS ABB=ON   | PLU=ON | BIANCHI N?/AU   |
| L51 | 57     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | BORGATTI M?/AU  |
| L52 | 243    | SEA FILE=CAPLUS ABB=ON   | PLU=ON | GAMBARI R?/AU   |
| L53 | 75     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | MISCHIATI C?/AU   |
| L54 | 609    | SEA FILE=CAPLUS ABB=ON   | PLU=ON | (L50 OR L51 OR L52 OR L53)  |
| L55 | 2      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L54 AND L13   |
| L56 | 12     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L54 AND L21   |
| L57 | 12     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L55 OR L56  |
| L58 | 8      | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L46 OR L49  |
| L59 | 10     | SEA FILE=CAPLUS ABB=ON   | PLU=ON | L57 NOT L58   |
| L60 | 5617   | SEA FILE=BIOSIS ABB=ON   | PLU=ON | RAPAMYCIN#  |
| L61 | 7314   | SEA FILE=BIOSIS ABB=ON   | PLU=ON | L2 OR L60   |
| L62 | 12064  | SEA FILE=BIOSIS ABB=ON   | PLU=ON | THALASSEMIA   |
| L63 | 3      | SEA FILE=BIOSIS ABB=ON   | PLU=ON | L61 AND L62   |
| L64 | 1538   | SEA FILE=BIOSIS ABB=ON   | PLU=ON | THALASSAEMIA OR BETATHALASSAEMIA<br>A OR BETATHALASSEMIA                |
| L67 | 222    | SEA FILE=BIOSIS ABB=ON   | PLU=ON | BIANCHI N?/AU   |
| L68 | 67     | SEA FILE=BIOSIS ABB=ON   | PLU=ON | BORGATTI M?/AU  |
| L69 | 263    | SEA FILE=BIOSIS ABB=ON   | PLU=ON | GAMBARI R?/AU   |
| L70 | 76     | SEA FILE=BIOSIS ABB=ON   | PLU=ON | MISCHIATI C?/AU   |
| L71 | 447    | SEA FILE=BIOSIS ABB=ON   | PLU=ON | (L67 OR L68 OR L69 OR L70)  |
| L72 | 3      | SEA FILE=BIOSIS ABB=ON   | PLU=ON | L71 AND L61   |
| L73 | 11     | SEA FILE=BIOSIS ABB=ON   | PLU=ON | L71 AND (L62 OR L64)  |
| L74 | 12     | SEA FILE=BIOSIS ABB=ON   | PLU=ON | L73 OR L72  |
| L75 | 10     | SEA FILE=BIOSIS ABB=ON   | PLU=ON | L74 NOT L63   |
| L76 | 4495   | SEA FILE=MEDLINE ABB=ON  | PLU=ON | L2  |
| L77 | 6174   | SEA FILE=MEDLINE ABB=ON  | PLU=ON | SIROLIMUS/CT OR RAPAMYCIN   |
| L78 | 6174   | SEA FILE=MEDLINE ABB=ON  | PLU=ON | L76 OR L77  |
| L79 | 15157  | SEA FILE=MEDLINE ABB=ON  | PLU=ON | THALASSEMIA+NT/CT   |
| L80 | 3      | SEA FILE=MEDLINE ABB=ON  | PLU=ON | L79 AND L78   |
| L81 | 28542  | SEA FILE=MEDLINE ABB=ON  | PLU=ON | HEMOGLOBINOPATHIES+NT/CT  |

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|      |                                  |                         |   |
|------|----------------------------------|-------------------------|---|
| L82  | 3 SEA FILE=MEDLINE ABB=ON        | PLU=ON                  | L81 AND L78                                     |
| L83  | 3 SEA FILE=MEDLINE ABB=ON        | PLU=ON                  | L82 OR L80                                      |
| L84  | 258 SEA FILE=MEDLINE ABB=ON      | PLU=ON                  | BIANCHI N?/AU                                   |
| L85  | 65 SEA FILE=MEDLINE ABB=ON       | PLU=ON                  | BORGATTI M?/AU                                  |
| L86  | 223 SEA FILE=MEDLINE ABB=ON      | PLU=ON                  | GAMBARI R?/AU                                   |
| L87  | 69 SEA FILE=MEDLINE ABB=ON       | PLU=ON                  | MISCHIATI C?/AU                                 |
| L88  | 450 SEA FILE=MEDLINE ABB=ON      | PLU=ON                  | (L84 OR L85 OR L86 OR L87)                      |
| L89  | 3 SEA FILE=MEDLINE ABB=ON        | PLU=ON                  | L88 AND L78                                     |
| L90  | 7 SEA FILE=MEDLINE ABB=ON        | PLU=ON                  | L88 AND L79                                     |
| L91  | 8 SEA FILE=MEDLINE ABB=ON        | PLU=ON                  | L89 OR L90                                      |
| L92  | 6 SEA FILE=MEDLINE ABB=ON        | PLU=ON                  | L91 NOT L83                                     |
| L93  | 9843 SEA FILE=EMBASE ABB=ON      | PLU=ON                  | L2  |
| L94  | 9843 SEA FILE=EMBASE ABB=ON      | PLU=ON                  | L93 OR RAPAMYCIN/CT                             |
| L95  | 12013 SEA FILE=EMBASE ABB=ON     | PLU=ON                  | THALASSEMIA# OR HEREDITARY<br>HEMOLYTIC ANEMIA# |
| L96  | 6 SEA FILE=EMBASE ABB=ON         | PLU=ON                  | L95 AND L94                                     |
| L97  | 171 SEA FILE=EMBASE ABB=ON       | PLU=ON                  | BIANCHI N?/AU                                   |
| L98  | 44 SEA FILE=EMBASE ABB=ON        | PLU=ON                  | BORGATTI M?/AU                                  |
| L99  | 223 SEA FILE=EMBASE ABB=ON       | PLU=ON                  | GAMBARI R?/AU                                   |
| L100 | 67 SEA FILE=EMBASE ABB=ON        | PLU=ON                  | MISCHIATI C?/AU                                 |
| L101 | 346 SEA FILE=EMBASE ABB=ON       | PLU=ON                  | (L97 OR L98 OR L99 OR L100)                     |
| L102 | 4 SEA FILE=EMBASE ABB=ON         | PLU=ON                  | L101 AND L94                                    |
| L103 | 15 SEA FILE=EMBASE ABB=ON        | PLU=ON                  | L101 AND L95                                    |
| L104 | 17 SEA FILE=EMBASE ABB=ON        | PLU=ON                  | (L102 OR L103)                                  |
| L105 | 15 SEA FILE=EMBASE ABB=ON        | PLU=ON                  | L104 NOT L96                                    |
| L106 | 29 SEA FILE=WPIX ABB=ON          | PLU=ON                  | BIANCHI N?/AU                                   |
| L107 | 28 SEA FILE=WPIX ABB=ON          | PLU=ON                  | BORGATTI M?/AU                                  |
| L108 | 7 SEA FILE=WPIX ABB=ON           | PLU=ON                  | GAMBARI R?/AU                                   |
| L109 | 3 SEA FILE=WPIX ABB=ON           | PLU=ON                  | MISCHIATI C?/AU                                 |
| L110 | 57 SEA FILE=WPIX ABB=ON          | PLU=ON                  | (L106 OR L107 OR L108 OR L109)                  |
| L111 | 1381 SEA FILE=WPIX ABB=ON        | PLU=ON                  | RAPAMYCIN OR SIROLIMUS                          |
| L112 | 1 SEA FILE=WPIX ABB=ON           | PLU=ON                  | L110 AND L111                                   |
| L113 | 776 SEA FILE=WPIX ABB=ON         | PLU=ON                  | ?THALASSEMIA? OR THALASSAEMIA?                  |
| L114 | 5 SEA FILE=WPIX ABB=ON           | PLU=ON                  | L110 AND L113                                   |
| L115 | 5 SEA FILE=WPIX ABB=ON           | PLU=ON                  | L112 OR L114                                    |
| L116 | 8 SEA FILE=WPIX ABB=ON           | PLU=ON                  | L111 AND L113                                   |
| L117 | 4 SEA FILE=WPIX ABB=ON           | PLU=ON                  | L115 NOT L116                                   |
| L119 | 23 DUP REM L59 L75 L92 L105 L117 | (22 DUPLICATES REMOVED) |   |

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|     |                               |        |  |
|-----|-------------------------------|--------|--|
| L2  | 1 SEA FILE=REGISTRY ABB=ON    | PLU=ON | 53123-88-9   |
| L12 | 42 SEA FILE=REGISTRY FAM FUL  | L1     |  |
| L13 | 4024 SEA FILE=CAPLUS ABB=ON   | PLU=ON | L12  |
| L21 | 4496 SEA FILE=CAPLUS ABB=ON   | PLU=ON | THALASSEMI?/OBI  |
| L22 | 6 SEA FILE=CAPLUS ABB=ON      | PLU=ON | L21 AND L13  |
| L60 | 5617 SEA FILE=BIOSIS ABB=ON   | PLU=ON | RAPAMYCIN#   |
| L61 | 7314 SEA FILE=BIOSIS ABB=ON   | PLU=ON | L2 OR L60  |
| L62 | 12064 SEA FILE=BIOSIS ABB=ON  | PLU=ON | THALASSEMIA  |
| L63 | 3 SEA FILE=BIOSIS ABB=ON      | PLU=ON | L61 AND L62  |
| L64 | 1538 SEA FILE=BIOSIS ABB=ON   | PLU=ON | THALASSAEMIA OR BETATHALASSAEMIA<br>A OR BETATHALASSEMIA |
| L66 | 2 SEA FILE=BIOSIS ABB=ON      | PLU=ON | L60 AND L64  |
| L76 | 4495 SEA FILE=MEDLINE ABB=ON  | PLU=ON | L2   |
| L77 | 6174 SEA FILE=MEDLINE ABB=ON  | PLU=ON | SIROLIMUS/CT OR RAPAMYCIN                                |
| L78 | 6174 SEA FILE=MEDLINE ABB=ON  | PLU=ON | L76 OR L77   |
| L79 | 15157 SEA FILE=MEDLINE ABB=ON | PLU=ON | THALASSEMIA+NT/CT  |
| L80 | 3 SEA FILE=MEDLINE ABB=ON     | PLU=ON | L79 AND L78  |
| L81 | 28542 SEA FILE=MEDLINE ABB=ON | PLU=ON | HEMOGLOBINOPATHIES+NT/CT                                 |
| L82 | 3 SEA FILE=MEDLINE ABB=ON     | PLU=ON | L81 AND L78  |

L83 3 SEA FILE=MEDLINE ABB=ON PLU=ON L82 OR L80  
 L93 9843 SEA FILE=EMBASE ABB=ON PLU=ON L2  
 L94 9843 SEA FILE=EMBASE ABB=ON PLU=ON L93 OR RAPAMYCIN/CT  
 L95 12013 SEA FILE=EMBASE ABB=ON PLU=ON THALASSEMIA# OR HEREDITARY  
     HEMOLYTIC ANEMIA#  
 L96 6 SEA FILE=EMBASE ABB=ON PLU=ON L95 AND L94  
 L120 19911 SEA L12  
 L121 12 SEA L120 AND (?THALASSEMIA? OR ?THALASSAEMIA?)  
 L122 7 DUP REM L121 (5 DUPLICATES REMOVED)  
 L123 0 SEA L122 NOT (L22 OR L63 OR L66 OR L83 OR L96)

=> d .ca 1-8 l118;d ibib ab ct l118 9-18

L118 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 2  
 ACCESSION NUMBER: 2005:1132642 CAPLUS Full-text  
 DOCUMENT NUMBER: 143:379828  
 TITLE: Methods of treatment with Syk inhibitors  
 INVENTOR(S): Andre, Patrick; Phillips, David R.; Homcy, Charles  
 PATENT ASSIGNEE(S): Portola Pharmaceuticals, Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 16 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| US 2005232969   | A1   | 20051020 | US 2005-107324  | 20050415   |
| AU 2005235289   | A1   | 20051103 | AU 2005-235289  | 20050418   |
| CA 2562734  | A1   | 20051103 | CA 2005-2562734 | 20050418   |
| WO 2005102215   | A1   | 20051103 | WO 2005-US13006 | 20050418   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,<br>CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,<br>GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,<br>LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,<br>NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,<br>SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,<br>ZM, ZW |      |          |                 |            |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,<br>AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,<br>EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,<br>RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,<br>MR, NE, SN, TD, TG  |      |          |                 |            |
| EP 1737386  | A1   | 20070103 | EP 2005-736870  | 20050418   |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,<br>IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA,<br>HR, LV, MK, YU   |      |          |                 |            |
| PRIORITY APPLN. INFO.:  |      |          | US 2004-563710P | P 20040419 |
|   |      |          | US 2005-107324  | A 20050415 |
|   |      |          | WO 2005-US13006 | W 20050418 |

ED Entered STN: 21 Oct 2005  
 AB The invention provides novel compns. and methods for inhibiting restenosis, thrombosis, and/or inflammation in a patient undergoing a vascular intervention. More particularly, the invention provides intravascular devices coated with one or more spleen tyrosine kinase (Syk) inhibitors. Methods for inhibiting restenosis, thrombosis, and/or inflammation in a patient by treatment with such intravascular devices are also provided. In addition, the present invention provides methods for treating sickle cell disease using Syk inhibitors.